

Appln No. 09/693,226
Amdt. Dated March 10, 2005
Response to Office action of February 25, 2005

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for reading data encoded in a fault tolerant digital form printed in invisible ink on a surface of a card, said data being printed on the surface independently of other images on the surface, said apparatus comprising:

- a) scanning means for scanning in said encoded fault tolerant digital form of said data on said surface;
- b) means for processing said scanned data and for decoding said data into a secondary digital format;
- c) means for outputting said secondary digital format to an output device with which said secondary digital format is usable;
- d) said output device presenting said data in a human readable form,

wherein said data is printed to cover substantially the entire area of the at least one surface of the card.

2. (Original) An apparatus as claimed in claim 1 wherein said data is encoded in a fault tolerant digital form using a Reed-Solomon process and said means for processing and decoding said data includes means for processing said Reed-Solomon process.

3. (Original) An apparatus is claimed in claim 2 wherein said output device includes a display device.

4. (Original) An apparatus as claimed in claim 1 wherein said invisible ink is an infra-red absorbing ink with negligible absorption in the visible spectrum

5. (Cancelled).

6. (Previously Presented) An apparatus as claimed in claim 1 wherein said data is printed with resolution of about 1600 dpi.

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7. (Previously Presented) An apparatus as claimed in claim 6 wherein said scanning means include a sensor with resolution of at least 4800 dpi.